

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 14454  
Application ID: 10063214  
Title of Invention: A CIRCUIT AND METHOD FOR  
MODELING I/O  
First Named Inventor: Timothy Lehner  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-03-29   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: BUR920010175  
Digital Certificate Holder: cn=Richard M. Kotulak, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: EEda1RwAt1VrEMPKvS7SMg==  
Total Fees Authorized: \$900.0

Payment Category: DA - Deposit Account  
Deposit Account Number: 90456  
Deposit Account Name: Richard M. Kotulak

Jc930 U.S. PRO  
10/063214  
03/29/02

# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

BUR920010175

Submission Type: Utility  
Patent Filing

## A CIRCUIT AND METHOD FOR MODELING I/O

First Named Inventor: Mr. Timothy S. Lehner

SUBMITTED BY

Name: Richard M. Kotulak  
Registration Number: 27,712  
Electronic Signature Mark: Richard  
M. Kotulak /s/ Date Signed: 20020329

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

Attached Files:

|             |                         |
|-------------|-------------------------|
| declaration | BUR920010175US1Dec1.tif |
| declaration | BUR920010175US1Dec2.tif |
| declaration | BUR920010175US1Dec3.tif |
| declaration | BUR920010175US1Dec4.tif |

|                    |                         |
|--------------------|-------------------------|
| specification      | BUR920010175US1.xml     |
| bibd-transmittal   | BUR920010175US1apds.xml |
| patent-assignments | BUR920010175US1asgn.xml |
| fee-transmittal    | BUR920010175US1fee.xml  |

**Attached Image File(s):**

BUR920010175US1Dec1.tif  
BUR920010175US1Dec2.tif  
BUR920010175US1Dec3.tif  
BUR920010175US1Dec4.tif

**Comments:**

Assignee: International Business Machines Corporation Address: Armonk, NY 10504

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A CIRCUIT AND METHOD FOR MODELING I/O

the specification of which:  
(check one)

- is attached hereto.  
 was filed on \_\_\_\_\_, as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

| Number | Country | Day/Month/Year | Priority Claimed |
|--------|---------|----------------|------------------|
|--------|---------|----------------|------------------|

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

| Serial No. | Filing Date | Status |
|------------|-------------|--------|
|------------|-------------|--------|

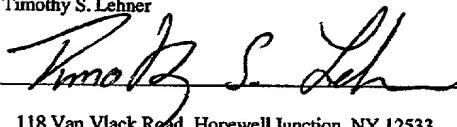
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Mark F. Chadurjian (Reg. No. 30,739), Richard M. Kotulak (Reg. No. 27,712), James M. Leas (Reg. No. 34,372), William D. Sabo (Reg. No. 27,465), Robert A. Walsh (Reg. No. 26,516), Howard J. Walter, Jr. (Reg. No. 24,832), Richard A. Henkler (Reg. No. 39,220), Stanley B. Green (Reg. No. 24,351), Christopher A. Hughes (Reg. No. 26,914), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr. (Reg. No. 18,753).

Send all correspondence to: International Business Machines Corporation,  
 Intellectual Property Law - Mail 972E  
 1000 River Street  
 Essex Junction, VT 05452

Telephone calls should be directed to Richard M. Kotulak (802)769-4457

(1) Inventor: Timothy S. Lehner

Signature: 

Date: 03/21/2002

Residence: 118 Van Vlack Road, Hopewell Junction, NY 12533  
 Citizenship: United States of America  
 Post Office Address: Same as Residence

BUR920010175US1

IBM Docket No.

IBM Docket No. BUR920010175US1

(2) Inventor: Khalid Rahmat

Signature: Khalid Rahmat Date: 3/21/02

Residence: 860 Hanover St., Yorktown Heights, NY 10598

Citizenship: United States of America

Post Office Address: Same as Residence

(3) Inventor: Ronald D. Rose

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 6 Dartmoor Court, Essex Junction, VT 05452

Citizenship: United States of America

Post Office Address: Same as Residence

(4) Inventor: Rouwaida Kanj

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 602 East Clark #23, Champaign, IL 61820

Citizenship: Lebanese

Post Office Address: 1308 West Main St., Urbana, IL 61801

Page 2 of &

(2) Inventor: Khalid Rahmat

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 860 Hanover St., Yorktown Heights, NY 10598  
Citizenship: United States of America  
Post Office Address: Same as Residence

(3) Inventor: Ronald D. Rose

Signature: Ronald D. Rose Date: 3/22/02

Residence: 6 Dartmoor Court, Essex Junction, VT 05452  
Citizenship: United States of America  
Post Office Address: Same as Residence

(4) Inventor: Rouwaida Kanj

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 602 East Clark #23, Champaign, IL 61820  
Citizenship: Lebanese  
Post Office Address: 1308 West Main St., Urbana, IL 61801

(2) Inventor: Khalid Rahmat

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

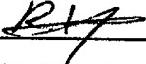
Residence: 860 Hanover St., Yorktown Heights, NY 10598  
Citizenship: United States of America  
Post Office Address: Same as Residence

(3) Inventor: Ronald D. Rose

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 6 Dartmoor Court, Essex Junction, VT 05452  
Citizenship: United States of America  
Post Office Address: Same as Residence

(4) Inventor: Rouwaida Kanj

Signature:  Date: March 26, '02

Residence: 602 East Clark #23, Champaign, IL 61820  
Citizenship: Lebanese  
Post Office Address: 1308 West Main St., Urbana, IL 61801

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

## TOTAL FEES AUTHORIZED: \$ 900

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

### SUBMITTED BY

Authorized Name: Richard M. Kotulak

Electronic Signature Mark: Richard M. Kotulak /s/

Date Signed: 20020329

### BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101      | \$ 740   |

Subtotal For Basic Filing Fee: \$ 740

### EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 22      | 103      | \$ 18 | 2            | \$ 36    |
| Independent Claims: 4 | 102      | \$ 84 | 1            | \$ 84    |

**Subtotal For Extra Claims Fees: \$ 120**

**ADDITIONAL FEES**

| Fee Description                                   | Number   | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1        | 581      | \$ 40  | \$ 40    |

**Subtotal For Additional Fees: \$ 40**